

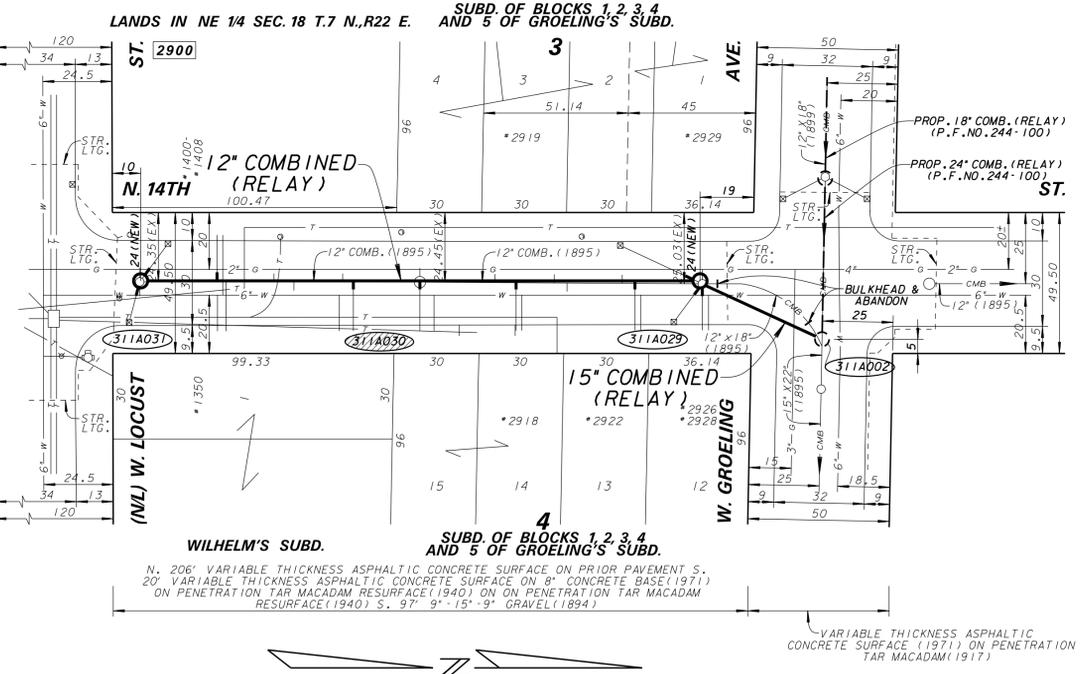
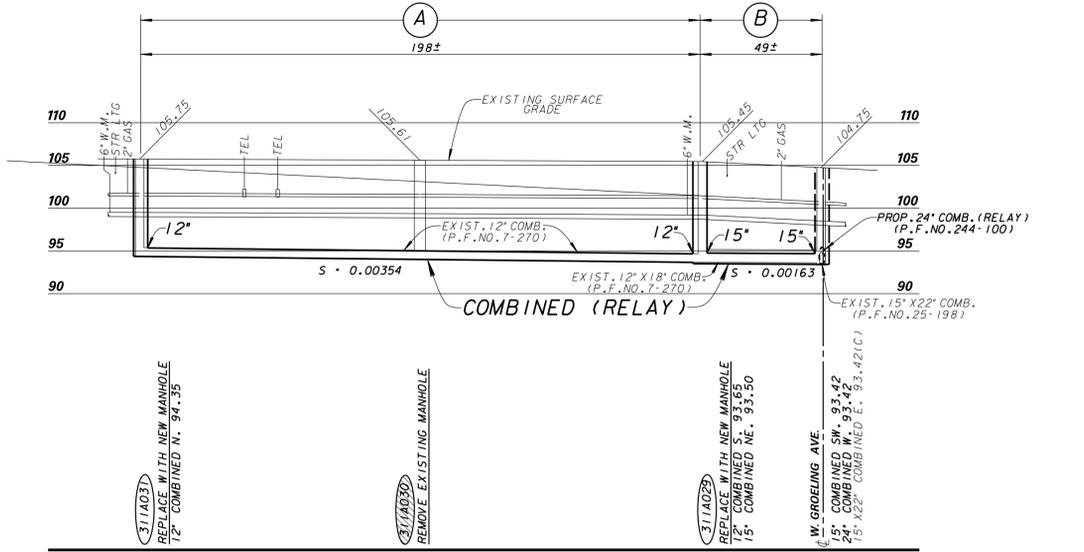
A		B	
12" COMBINED CLASS IV RCP OR PVC	CLASS *C* BEDDING	15" COMBINED CLASS IV RCP OR PVC	CLASS *C* BEDDING

SPECIAL PROVISIONS FOR PLAN FILES NUMBERS 244-95, 244-100, AND 245-31 ONLY.

- STANDARD SPECIAL PROVISIONS, PLAN FILE NUMBER 52-4-51, DATED MAY 1, 2013 (OR LATEST REVISION THERE OF), ARE PART OF THIS CONTRACT.
- THIS PROJECT HAS BEEN SUBMITTED TO THE MILWAUKEE METROPOLITAN SEWERAGE DISTRICT (MMSD) AND THE DEPARTMENT OF NATURAL RESOURCES (DNR) FOR APPROVALS. NO WORK SHALL BE PERFORMED ON THIS CONTRACT UNTIL ALL APPROVALS HAVE BEEN OBTAINED. APPROVALS ARE CURRENTLY ANTICIPATED TO BE OBTAINED BY FEBRUARY 3, 2017, HOWEVER THERE IS NO GUARANTEE OF SAME. THE CONSTRUCTION ENGINEER SHALL CONTACT MR. ANDY KAMINSKI (MMSD) AT (414) 225-2219 TO CONFIRM THAT THE APPROVALS HAVE BEEN GRANTED.
- ALL WORK SHALL BE COMPLETED BY JUNE 16, 2017. WORK SHALL BE CONTINUOUS AND THE TOTAL NUMBER OF WORKDAYS FOR THIS PROJECT SHALL BE 35 DAYS. PROJECT WORKING DAY IS DEFINED AS ANY DAY THE CONTRACTOR IS ABLE TO WORK A MINIMUM OF FOUR HOURS TOWARDS COMPLETION OF THE PROJECT.
- WITHIN TEN (10) BUSINESS DAYS OF THE AWARD OF THIS CONTRACT, THE CONTRACTOR SHALL MAIL A NOTICE OF THE PROJECT TO THE CITY OF MILWAUKEE CONSTRUCTION SECTION AT 841 NORTH BROADWAY, ROOM 710, MILWAUKEE, WI 53202 FOR REVIEW AND APPROVAL. WITHIN FIVE (5) BUSINESS DAYS OF APPROVAL THE CONTRACTOR SHALL MAIL THE PROJECT NOTICE TO ALL AFFECTED AREA RESIDENTS AND BUSINESSES. IT SHALL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR TO ENSURE THAT ALL NOTICES ARE CONVEYED TO THE PUBLIC REGARDING THIS PROJECT. A SAMPLE NOTICE IS INCLUDED IN THE CONTRACT DOCUMENTS. CONTRACT WORK SHALL NOT START PRIOR TO COMPLETING THE NOTICE REQUIREMENT. ANY DELAY IN CONTRACT COMPLETION AS A RESULT OF NON-COMPLIANCE SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.
- THE CONTRACTOR SHALL POST CITY OF MILWAUKEE PROJECT IDENTIFICATION ("BLUE") SIGNS AS DIRECTED ON EACH PROJECT IN THIS CONTRACT. THE CITY WILL PROVIDE BLANK SIGNS FOR THE CONTRACTOR TO FILL IN CONTACT INFORMATION AND POST.
- ALL CONNECTIONS FOR BUILDING SEWERS AND DRAINS OF RECORD HAVE BEEN SHOWN ON THE PLAN. ALL ACTIVE BUILDING SEWERS SHALL BE RECONNECTED TO THE NEW SEWERS. THE CONTRACTOR SHALL FIELD VERIFY, INCLUDING DYE TESTING, ALL ACTIVE LATERALS AND SHALL ONLY RECONNECT LATERALS WHICH ARE FOUND TO BE ACTIVE. THE COST OF THIS WORK SHALL BE INCLUDED IN THE UNIT PRICE BIDS FOR THE RESPECTIVE DIAMETER COMBINED SEWER RELAY, CLASS *C* BEDDING.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING THAT NO ACTIVE BUILDING SEWERS ARE CONNECTED TO THE MAIN SEWERS OR MANHOLES TO BE ABANDONED PRIOR TO THE ABANDONMENT. THE CONTRACTOR SHALL CONTACT THE CONSTRUCTION ENGINEER IF AN ACTIVE BUILDING SEWER(S) ARE CONNECTED TO ANY PROPOSED SEWER ABANDONMENT. THE PROPOSED MANHOLE 3110065 SHALL BE INSTALLED AT THE LOCATION OF THE MOST WESTERLY LATERAL CONNECTION. (SEE PLAN FILE NO. 244-95).
- IN ADDITION TO THE ALLOWABLE 1-1/2 INCH GRADED AGGREGATE, AS PER TABLE 39 OF SECTION 8.43.7 OF THE STANDARD SPECIFICATIONS, THE CONTRACTOR IS ALSO ALLOWED TO USE 1-1/4 INCH GRADED AGGREGATE. THE 1-1/4 INCH GRADED AGGREGATE SHALL MEET THE WISCONSIN DEPARTMENT OF TRANSPORTATION (WISDOT) STANDARDS, AS PER SECTION 305 DENSE GRADED BASE, CONFORMING TO THE TABLE LISTED AS "PERCENT PASSING BY WEIGHT" IN 2012 WISDOT STANDARD SPECIFICATIONS, SUBSECTION 305.2.2.1 GENERAL.
- THE CONTRACTOR SHALL PROTECT AND SUPPORT ALL THE EXISTING UTILITIES WHILE RELAYING THE RESPECTIVE DIAMETER SEWERS. THE COST OF SUPPORTING, RAT HOLING, OR TUNNELING UNDER THE EXISTING UTILITIES NECESSARY FOR THE PROPOSED SEWER RELAY SHALL BE INCLUDED IN THE UNIT PRICE BIDS FOR THE RESPECTIVE DIAMETER COMBINED SEWER RELAY, CLASS *C* BEDDING.
- THERE IS IMPACT TO STREET LIGHTING CONDUIT RUNNING NORTH-SOUTH ON WEST GROELING AVENUE AND WEST ON NORTH 14TH STREET THAT WILL BE IMPACTED DUE TO THE SEWER WORK. (SEE PLAN FILE NO. 244-95 FOR MH 3110034, SEE PLAN FILE NO. 244-100 FOR MH 311A082 AND 311A085).
THE STREET LIGHTING DEPARTMENT WILL NEED TO INSTALL TEMPORARY OVERHEAD PRIOR TO THE SEWER WORK AND REINSTALL THE UNDERGROUND CABLE AFTER THE SEWER WORK IS COMPLETED. THIS WORK WILL COST APPROXIMATELY \$10,000 IN WEST GROELING AVENUE (SEE PLAN FILE NO. 244-100) AND \$5000 IN NORTH 14TH STREET (SEE PLAN FILE NO. 245-31).
THE CONTACT PERSON AT OUR SHOP IS GEORGE BERDINE AT (414) 286-5943 OR DENNIS MILLER AT (414) 286-5942. DUE TO THE EXTREME HEAVY WORK LOAD ON STREET LIGHTING SHOP, IT IS ADVISED TO CONTACT OUR SHOP AT LEAST TEN (10) BUSINESS DAYS BEFORE THE SEWER WORK BEGINS. HOWEVER, SEWER DEPARTMENT IS TO PROVIDE AN ACCOUNT NUMBER TO MR. BERDINE OR MR. MILLER FOR OUR SHOP TO CHARGE THEIR WORK TO.
ELSEWHERE, THE CITY OF MILWAUKEE HAS STREET LIGHTING FACILITIES AND PIPE CABLE CROSSINGS AT VARIOUS LOCATIONS THROUGHOUT THE PROJECT. DURING OPEN CUT TRENCHING, THE CONTRACTOR SHALL SUPPORT THESE CROSSINGS. ANY ALTERATIONS NEEDED TO THE CITY OF MILWAUKEE STREET LIGHTING FACILITIES MUST BE APPROVED BY THE STREET LIGHTING DEPARTMENT. THE CONTRACTOR SHALL PAY A SERVICE FEE OF APPROXIMATELY \$2200 TO \$4500 FOR EACH STREET LIGHTING POLE WHERE ALTERATIONS ARE NEEDED; HOWEVER, IF ANY ADDITIONAL WORK IS REQUIRED FOR THE ALTERATION, THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE COST.
THE SUCCESSFUL CONTRACTOR MUST PAY THE NECESSARY SERVICE FEE PRIOR TO START OF CONSTRUCTION. THE CONTRACTOR SHALL PROVIDE PROOF OF PAYMENT TO THE ENGINEER BEFORE ANY STREET LIGHTING OR TRAFFIC SIGNAL ALTERATION WORK IS SCHEDULED. THE CONTRACTOR SHALL CONTACT MR. ENG-KIE LEE AT (414) 286-2174 FOR ANY NECESSARY STREET LIGHTING ALTERATION. THE CONTRACTOR SHALL CONTACT MR. JOSEPH BONDOWSKI AT (414)286-5162 FOR ANY NECESSARY TRAFFIC SIGNAL ALTERATION.
ANY DAMAGE TO THE CITY-OWNED STREET LIGHTING FACILITIES DUE TO CONTRACTOR'S NEGLIGENCE SHALL BE REPAIRED ONLY BY CITY'S STREET LIGHTING DEPARTMENT AT CONTRACTOR'S EXPENSE. ANY DAMAGE SHALL BE REPORTED TO STREET LIGHTING FIELD OFFICE AT (414) 286-5944.
- THERE ARE VARIOUS OVERHEAD WIRES WITHIN THE PROJECT LIMITS THAT MAY REQUIRE TEMPORARY RELOCATIONS. THE COST OF ANY RELOCATION OF OVERHEAD UTILITIES SHALL BE INCLUDED IN THE UNIT PRICE BID FOR THE RESPECTIVE DIAMETER SEWER RELAY, CLASS *C* BEDDING.

- THE CONTRACTOR SHALL MAINTAIN LOCAL TRAFFIC AND ACCESS TO ALL ADJOINING PROPERTIES AT ALL TIMES. ONE ELEVEN (11) FOOT LAKE OR TRAFFIC IN NORTH 14TH STREET, WEST ALBANY PLACE AND WEST GROELING AVENUE SHALL BE MAINTAINED AT ALL TIMES.
- WEST ALBANY PLACE BETWEEN NORTH 13TH AND 14TH STREETS IS A ONE WAY STREET IN THE EASTBOUND DIRECTION.
- PRIOR TO THE START OF CONSTRUCTION, THE CONTRACTOR SHALL SUPPLY A TRAFFIC CONTROL PLAN OUTLINING TRAFFIC FLOW PATTERNS AROUND THE WORK ZONE AND ACCESS TO BUSINESSES AND RESIDENCES TO MS. SHARON BETHAUSER AT (414) 286-3632 OF THE CITY OF MILWAUKEE TRANSPORTATION SECTION, MUNICIPAL BUILDING, ROOM 920. CONTACT MS. SHARON BETHAUSER AT (414)286-3632 WITH QUESTIONS REGARDING THE TRAFFIC CONTROL PLAN SUBMITTAL.
- ALL SIGNS USED FOR TRAFFIC CONTROL SHALL MEET THE NEW NATIONAL REQUIREMENTS FOR SIGN RETROREFLECTIVITY STANDARDS.
- THE CONTRACTOR SHALL CONTACT MS. SHARON BETHAUSER AT (414)286-3632 OF THE CITY OF MILWAUKEE TRANSPORTATION SECTION AT LEAST THREE (3) DAYS PRIOR TO THE START OF THE PROJECT REGARDING THE INSTALLATION OF TEMPORARY "NO PARKING" SIGNS. THE CONTRACTOR SHALL ALSO CONTACT MS. BETHAUSER TO ARRANGE FOR THE REMOVAL OF SIGNS IN THE PROJECT LIMITS AFTER CONSTRUCTION WORK IS COMPLETED.
- THERE ARE EXISTING CITY OF MILWAUKEE TREES WITHIN THE PROJECT LIMITS. NO TREE PRUNING/TRIMMING WORK SHALL BE DONE BY THE SEWER CONTRACTOR. ANY REQUIRED TREE PRUNING WILL BE DONE BY THE FORESTRY DEPARTMENT BEFORE PROJECTED START DATE. ANY TREE REMOVALS MUST BE FIRST APPROVED BY THE FORESTRY DEPARTMENT. THE COST OF ANY REMOVALS SHALL BE INCLUDED IN THE BID PRICE OF THE RESPECTIVE DIAMETER STORM SEWER WORK. THE CONTRACTOR SHALL CONTACT MR. DWAYNE REINHARDT, FORESTRY INSPECTOR, AT (414)708-2438 REGARDING ANY FORESTRY TREE WORK.
- THE CONTRACTOR SHALL PROVIDE THE CITY WITH TWO (2) COPIES OF A POST-INSTALLATION DVD EXAMINATION AND REPORT OF THE SEWER. THESE VIDEO EXAMS WILL BECOME THE PROPERTY OF THE CITY OF MILWAUKEE. THE COST OF THIS WORK SHALL BE INCLUDED IN THE UNIT PRICE BID FOR THE SEWER EXAMS BY CCTV, POST-CONSTRUCTION.
- THE CONTRACTOR SHALL CONTACT MR. MIKE CHANESKE AT (414) 286-5965 OF THE CITY OF MILWAUKEE TRAFFIC SECTION IF STREET SIGNS OR STOP SIGNS ARE TAKEN DOWN OR DISTURBED DURING CONSTRUCTION. THE CONTRACTORS ARE DIRECTED TO MAKE A CALL FOR ANY REINSTALLATION OF THE SIGNS. THE CITY CREW WILL REINSTALL THE SIGNS AFTER COMPLETION OF SEWER WORK.
- PAVEMENT REPLACEMENT WITHIN THE SOUTH 20-FEET OF NORTH 14TH STREET SHALL CONSIST OF 3-INCH ASPHALTIC CONCRETE PAVEMENT OVER CONCRETE BASE. PAVEMENT REPLACEMENT IN THE REST OF THE PROJECT LIMITS SHALL CONSIST OF 4-INCH ASPHALTIC CONCRETE PAVEMENT. PAVEMENT RESTORATION WITHIN THE PROJECT LIMITS SHALL BE LIMITED TO A WIDTH OF THE OUTSIDE DIAMETER OF THE PIPE PLUS FOUR FEET, CENTERED ON THE PROPOSED PIPES.
- IF THE CONTRACTOR PERFORMS OPEN-CUT WORK WHEN PERMANENT PAVEMENT IS UNAVAILABLE DUE TO THE WINTER SEASON, A CONCRETE CAP SHALL BE INSTALLED AND MAINTAINED AT THE CONTRACTOR'S EXPENSE UNTIL PERMANENT PAVEMENT CAN BE RESTORED. ALL PAYMENTS FOR THE CONCRETE CAP SHALL BE PAID BASED ON THE SCHEDULE OF FIXED PRICES. NO TRENCH SHALL BE LEFT UNPAVED FOR MORE THAN FIVE (5) DAYS OR AS ORDERED BY THE CONSTRUCTION ENGINEER.
- NORTH TEUTONIA AVENUE IS A MILWAUKEE COUNTY TRANSIT SYSTEM BUS ROUTE. NO CONSTRUCTION EQUIPMENT SHALL BE STORED IN NORTH TEUTONIA AVENUE. THE CONTRACTOR SHALL MAKE EVERY EFFORT TO MINIMIZE ANY TRAFFIC DISRUPTIONS CAUSED BY PROPOSED SEWER WORK ON THIS CONTRACT.
- THE CITY OF MILWAUKEE HAS APPLIED FOR FUNDING FOR ALL PROJECTS IN THIS CONTRACT THROUGH THE CLEAN WATER FUND (CWF) ADMINISTERED BY THE WISCONSIN DEPARTMENT OF NATURAL RESOURCES. THIS CONTRACT IS SUBJECT TO THE DAVIS BACON COMPLIANCE PROVISIONS. THE CONTRACTOR SHALL USE THE HIGHER WAGE RATE TABLE BETWEEN THE PREVAILING WAGE RATE ISSUED BY THE STATE OF WISCONSIN AND THE DAVIS BACON WAGE RATE TABLE AS ISSUED BY THE U.S. DEPARTMENT OF LABOR WAGE AND HOUR DIVISION. THE CONTRACTOR SHALL SUBMIT WEEKLY PAYROLL CERTIFICATION, UTILIZING THE PAYROLL FORM INCLUDED IN THE CONTRACT DOCUMENTS OR EQUIVALENT.
- ALL IRON AND STEEL PRODUCTS PROVIDED BY THE CONTRACTOR SHALL BE PRODUCED IN THE UNITED STATES AND COMPLY WITH THE AMERICAN IRON AND STEEL REQUIREMENT (AISI). CONTRACTOR TO PROVIDE AISI CERTIFICATION FOR ALL IRON AND STEEL PRODUCTS SUPPLIED FOR THIS CONTRACT.
- THE PROPOSED SEWER IN THE INTERSECTIONS OF WEST ALBANY PLACE AND NORTH 14TH STREET AND THE INTERSECTION OF WEST GROELING AVENUE AND NORTH 14TH STREETS CROSS UNDER AN EXISTING 6-INCH DIAMETER WATER MAIN. THE CONTRACTOR SHALL SUPPORT EXISTING WATER MAINS AT ALL LOCATIONS WHERE EXCAVATION FOR SEWER WORK CROSSES EXISTING WATER MAINS. (SEE PLAN FILE NO. 244-95 AND 244-100)

- DUE TO PRESENCE OF LEAD WATER SERVICE LATERALS, THE CONTRACTOR SHALL NOT DISTURB WATER SERVICES AT ANY TIME. THE CONTRACTOR SHALL SUPPORT AND PROTECT ALL WATER SERVICE LATERALS DURING OPEN CUT EXCAVATIONS. THE CONTRACTOR SHALL EXERCISE EXTREME CAUTION NOT TO DAMAGE ANY WATER SERVICE LATERALS. THE APPROXIMATE LOCATION OF THE WATER SERVICES WILL BE FIELD LOCATED BY CITY CREWS (14 DIGGER'S HOTLINE) USING THE CURB STOP (IF VISIBLE) OR THE MEASUREMENT FROM SYSTEM MAPS. IF THE CURB STOP IS NOT VISIBLE, THE CONTRACTOR SHALL CONFIRM THE SERVICE LOCATION USING A PIPE LOCATOR, SIMILAR TO A "RIGID" PIPE LOCATOR, PRIOR TO EXCAVATING FOR THE SEWER. ALL COSTS FOR PIPE DETECTION SHALL BE INCLUDED IN THE UNIT PRICE BID FOR THE RESPECTIVE DIAMETER SEWER RELAY. IF THE CONTRACTOR DAMAGES ANY WATER SERVICE LATERALS DURING CONSTRUCTION, THE CONTRACTOR SHALL BE HELD RESPONSIBLE TO IMMEDIATELY REPLACE THE ENTIRE WATER SERVICE LATERAL FROM THE CORPORATION STOP ON THE WATER MAIN TO THE PROPERTY LINE CURB STOP BOX. THE COST OF REPLACING THE ENTIRE WATER SERVICE LATERAL, INCLUSIVE OF SURFACE RESTORATION, SAW CUTTING CLEAN PAVEMENT EDGES, ETC., SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.
IN THE EVENT A WATER SERVICE LATERAL IS DAMAGED DURING CONSTRUCTION, THE CONTRACTOR SHALL IMMEDIATELY CONTACT THE CONSTRUCTION SUPERVISOR ON DUTY. THE CONTRACTOR SHALL REPLACE THE ENTIRE WATER SERVICE LATERAL FROM THE CORPORATION STOP ON THE WATER MAIN TO THE PROPERTY LINE CURB STOP BOX. UPON NOTICE, THE CITY'S WATER DEPARTMENT PERSONNEL SHALL PROVIDE A NEW CORPORATION STOP, CURB STOP, STOP BOX AND SERVICE INSULATOR TO BE PICKED UP BY THE CONTRACTOR AT THE WATER STORES FACILITY. ALL OTHER MATERIALS REQUIRED TO REPLACE THE LEAD SERVICE AND RECONNECT TO THE EXISTING SERVICE LINE, INCLUSIVE OF COPPER PIPING TYPE-K (MINIMUM 1" DIAMETER), SHALL BE SUPPLIED BY THE CONTRACTOR.
IN THE EVENT AN EXISTING LEAK IS DISCOVERED ON A LEAD WATER SERVICE, THE CONTRACTOR SHALL IMMEDIATELY CONTACT THE CONSTRUCTION SUPERVISOR ON DUTY. THE CONTRACTOR SHALL REPLACE THE ENTIRE WATER SERVICE LATERAL FROM THE CORPORATION STOP ON THE WATER MAIN TO THE PROPERTY LINE CURB STOP BOX. UPON NOTICE, THE CITY'S WATER DEPARTMENT PERSONNEL SHALL PROVIDE A NEW CORPORATION STOP, CURB STOP, STOP BOX AND SERVICE INSULATOR TO BE PICKED UP BY THE CONTRACTOR AT THE WATER STORES FACILITY. THE COST OF REPLACEMENT FOR AN EXISTING LEAK SHALL BE PER CONTRACT BID ITEMS.
THE CONTRACT BID ITEM FOR "COPPER WATER SERVICE - LIN. FT." SHALL INCLUDE ALL COSTS TO FURNISH AND INSTALL ALL MATERIALS REQUIRED (EXCLUSIVE OF NOTED FITTINGS SUPPLIED BY WATER WORKS) TO REPLACE A LEAD SERVICE WITH AN EXISTING LEAK FROM THE CORPORATION STOP TO THE CURB STOP BOX AND RECONNECT TO THE EXISTING SERVICE LINE, INCLUDING COPPER SERVICE PIPING TYPE-K (MINIMUM 1" DIAMETER). SURFACE RESTORATION SHALL BE PER CONTRACT BID ITEMS FOR PAVEMENT. SAW CUTTING SHALL BE PAID PER THE CONTRACT BID ITEM AND LIMITED TO FOUR (4) FEET WIDTH. IF SAW CUTTING IS NOT PERFORMED IMMEDIATELY, CONTRACTOR SHALL SAW CUT CLEAN PAVEMENT EDGES PRIOR TO PERMANENT PAVEMENT RESTORATION. ADDITIONAL SURFACE RESTORATION FOR CURB AND GUTTER, WALK, SOD ETC. SHALL BE INCLUDED IN THE UNIT PRICE BID FOR "COPPER WATER SERVICE". NOTE THAT THE BID ITEM QUANTITY FOR "COPPER WATER SERVICE - LIN FT." MAY BE REDUCED OR ELIMINATED FROM THE CONTRACT DUE TO FIELD CONDITIONS, AND SUCH REDUCTION SHALL NOT GIVE RISE TO REQUEST AN INCREASE IN PRICE BID PER LIN. FT.



SHEET 1 OF 7 IS PLAN FILE NO. 244-9
 SHEET 2 OF 7 IS PLAN FILE NO. 244-98
 SHEET 3 OF 7 IS PLAN FILE NO. 245-86
 SHEET 4 OF 7 IS PLAN FILE NO. 244-99
 SHEET 5 OF 7 IS PLAN FILE NO. 244-95
 SHEET 6 OF 7 IS PLAN FILE NO. 245-31
 SHEET 7 OF 7 IS PLAN FILE NO. 244-100



CALL DIGGERS HOTLINE
 1-800-242-8511
 TOLL FREE TO OBTAIN LOCATION OF UNDERGROUND BEFORE YOU DIG. WISCONSIN STATUTE 182.0715 REQUIRES MIN. OF 3 WORK DAYS NOTICE BEFORE YOU EXCAVATE

NO.	BY	REVISION	DATE
AS BUILT CONTRACT NO.			
DATE ENT'D.			

ESTIMATE OF QUANTITIES		
ITEM NO.	QUANTITY	DESCRIPTION
30121	198 FT.	12" DIA. COMBINED CLASS "C" BEDDING
30151	49 FT.	15" DIA. COMBINED CLASS "C" BEDDING
43400	2	4'-0" DIA. COMBINED MANHOLES
50000	33 FT.	BUILDING SEWERS AND DRAINS
50001	LUMP SUM	BARRICADING
50015	LUMP SUM	EROSION CONTROL
50202	LUMP SUM	BULKHEAD & ABANDON 50" OF 12"x18" DIA. COMBINED SEWER
50300	22	PAVEMENT DOWELS
50301	512 FT.	PAVEMENT SAWING
50307	10 SQ.YDS.	3" ASPHALTIC CONCRETE
50308	150 SQ.YDS.	4" ASPHALTIC CONCRETE
50309	10 SQ.YDS.	CONCRETE BASE
60002	247 FT.	SEWER EXAMS BY CCTV-POST CONSTRUCTION
90000	10 FT.	COPPER WATER SERVICE TYPE "K"

ENVIRONMENTAL ENGINEERING SECTION
INFRASTRUCTURE SERVICES DIVISION
DEPARTMENT OF PUBLIC WORKS
 MILWAUKEE, WISCONSIN

SEWER MAIN PLAN

IN
FROM
TO

N. 14TH STREET
W. LOCUST STREET
W. GROELING AVENUE

APPROVED DATE
 Zafar Yousof 12/5/2016
 DESIGN ENGINEER

DESIGNED BY B.K. HEARD 12/7/2016
 ENGINEER IN CHARGE

DRAWN BY J. SEMONS
 CHECKED BY F.LAWAL
 SYSTEM NO. 3023
 CITY ENGINEER'S SPECIAL DEPUTY COMMISSIONER OF PUBLIC WORKS 12/7/2016

EAASEMENT NO.
 CONTRACT NO. PROJECT NO. 1 C.C. FILE NO. 1605897
 PRJ. ID. SM495160070 OFF. NOTICE NO. 4-2017 DATE ADOPTED 9/20/2016

SHEET NO. 6 OF 7 PLAN FILE NO. 245-31

LINE CODE LEGEND			
GAS	G	SANITARY SEWER	SAN
ELECTRIC	E	STORM SEWER	STO
TELEPHONE	T	COMBINED SEWER	CMB
CABLE TELEVISION	TV	SEW. DISTRICT SEWER	MMSD
FIBER OPTICS	FO	WATER MAIN	W
CITY UNDERGROUND CONDUIT	CUC	SEWER/WATER 24" & OVER	24" & OVER
STREET LIGHTING		STREET LIGHTING	
PAVING LIMITS		PAVING LIMITS	
STRUCTURE/BUILDING		STRUCTURE/BUILDING	
FENCE		FENCE	
HYDRANT		HYDRANT	
ALUMINUM POLE		ALUMINUM POLE	
CONCRETE POLE		CONCRETE POLE	
WOOD POLE		WOOD POLE	

BE ADVISED THAT THIS INFORMATION HEREBY GIVEN TO YOU IS BASED UPON THE BEST AVAILABLE RECORDS. THE EXACT LOCATION IS UNKNOWN FOR ALL UTILITIES SHOWN WITHOUT DIMENSIONS, HOWEVER WE CANNOT GUARANTEE THE CORRECTNESS OR ACCURACY OF THE SAME.